

# NSW8 IMPLEMENTATION PROGRAMME FOR THE FOCUS WEEK

Western Cape					
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
10 May	SAAO Cape Town	Official Launch of NSW	Public	I sobel	No
	HMO	Open Day <ul style="list-style-type: none"> <li>▪ Science Show A fun interactive demonstration of science</li> <li>▪ Tours of HMO facility</li> <li>▪ Exhibits : International Polar Year; HMO Antarctic Research Applications of magnetism</li> <li>▪ Measure the magnetic field in Hermanus</li> <li>▪ Communicate with HMO electronics engineer Daleen Koch and other researchers at the SANAE base in the Antarctic using Amateur radio</li> </ul>	Public & parents	Elisa Fraser/Gayle Overmeyer	No
	MTN Sciencentre	Hands on displays & interactive chemistry and physics demonstrations	For the whole family	Melissa Lewis	YES
	Canal Walk busking area	Volcano workshop. Max 30	Ages 6 to 12	Melissa Lewis	YES
	Classroom	Bouncy putty. Max 30	Ages 5 and up	Melissa Lewis	No
	Classroom	IKS exhibition	The whole family	Melissa Lewis	No
	IKS area	Moraba-raba and Mankala focus Max 30	For the whole family	Melissa Lewis	YES
	IKS area	Chess for change workshops. Max. 30	Ages 4 and up	Melissa Lewis	YES
	SunZone	Photographic and Digital camera workshops. Max 30	Ages 14 – 18	Melissa Lewis	No

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	SunZone	Static electricity & v d Graaf generator. Max. 30	For the whole family	Melissa Lewis	No
	Lucky's lab	Live dissection: Fish under the scalpel & microscope. Max 30	For the whole family	Melissa Lewis	No
	Lucky's lab	Movie: A Bushman's secret	For the whole family	Melissa Lewis	
	Auditorium	Crystal methamphetamine (tik) drug awareness talk. Science show.	For the whole family	Melissa Lewis	No
	Auditorium				No
	Auditorium	Pebble Bed Modular Reactor (PBMR) movie, talk & Q+A session.	For the whole family	Melissa Lewis	No
	Auditorium	Global warming Movie: The Inconvenient truth.	For the whole family	Melissa Lewis	YES
	Auditorium	Guided tours on the hour. Max. 30	For the whole family	Melissa Lewis	Yes
	Intaka island	Wetland indigenous knowledge hikes. Max: 20	For the whole family	Melissa Lewis	Yes
	Camera obscura	General Public Open Day	Adults / Children	Ryan Linden	
	iThemba LABS	Educator Workshop / demo	Junior Educators	Ambrose Yaga	
	MRC-IKS Delft				
	IKS Resource Center & Labs	Setting up: Council approval for Tent, Parking Logistics, Security Fire systems		Ms M Javu Ms J Petersen	Yes
	UCT (10-17 May 2008)	We are currently planning on preparing 4 posters:	To be distributed through		
		1. Nanotechnology.	1. Iziko Museums of Cape Town.		
			2. MTN		

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		2. How cellphones work. 3. The Chemistry of Colour 4. Growth curves.	Sciencentre 3. SAAO 4. UCT Schools development Unit 5. UCT Science Faculty Schools Liaison 6. Hermanus Magnetic Observatory. 7. West Coast Fossil Park		
11 May	MTN Sciencentre	Same as for 10 May	Same as for 10 May	Same as for 10 May	Same as for 10 May
	MRC-IKS Delft IKS Resource Center & Labs	Setting up: Lecture rooms, Audiovisuals, displays and laboratory set-ups		Ms M Javu Ms J Petersen	Yes
12 May	SAAO Cape Town & Sutherland	09:00 Science Show 10:00 IKS Presentation 10:30 Astronomy Workshop and tour (split group) 12:00 Lunch 12:30 Role Models	Grade 10	Sivuyile & Jerome	Yes
	HMO	THERMOSCIENCE Learners will be provided with test tubes, measuring	Grade 3	Elisa Fraser/Gayle	Yes

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		cylinders and thermometers. Learners will measure the temperatures of icy cold, cold and water at room temperature.		Overmeyer	
		<u>ELECTRIC CIRCUIT</u> Construct a simple electric circuit with globes; batteries and connecting wires	Grade 5		
		<u>ELECTROMAGNET</u> Learners will construct an electromagnet as an application of magnetism	Grade 7		
		<u>ELECTRIC MOTOR</u> Learners will build an electric motor using magnets and other materials	Grade 10/11 Grade 10 Grade 7s		
		<u>PRESENTATION: Plasma physics</u> <u>PRESENTATION: Electrical Engineering in the Antarctic</u>			
	MTN Sciencentre	Same as for 10 May except for the activities in the Canal Walk is not there		Same as for 10 May	Same as for 10 May
	iThemba LABS	iThemba Video, short visit of facilities and hands-on workshop (two session, one at 09h00 and another at 10h30)		Ryan Linden	Yes
	School	Science Demo/workshop		Ambrose Yaga	N/A - Outreach in organised school

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	MRC-IKS Delft Tent/Resource Centre/Gazebo	IKS Activities at the MRC – highlighting scientific research with practical examples of issues closer to our communities	Grade 10 – 11	Mr P Legoale	Yes
	Exhibition & Laboratories Herb Garden	Analytical Labs. Researching IKS, with special reference to TRM (1) Demonstration of simple science principles on TRM research and tour laboratories	Grade 10-11	Ms N Mooketsi Ms C Lategan	
		Manufacturing Labs. Researching IKS, with special reference to TRM (1) Demonstration of simple science principles on TRM research and tour laboratories	Grade 10-11, THP & Municipal Employees	Mr B Sehume Mr J Nyelimane	
	Boardroom	Community involvement in IKS research (1) Research ethics, Research careers, Social impact, Job creation and wealth generation	THP, Policy makers & Professional	Dr MG Matsabisa	
		Advocacy and Educational Seminar (1)		Ms Sekhoacha Ms M Javu	
13 May	SAAO Cape Town & Sutherland	09:00 Science Schow 10:00 IKS Presentation 10:30 Astronomy Workshop and tour (split group) 12:00 Lunch 12:30 Role Models	Grade 10	Sivuyile & Jerome	Yes
	iThemba LABS				
	SAAO Sutherland	Night sky viewing through telescopes	Grade 10	Jerome	yes
	HMO	The Programme repeats	Learners	Elisa Fraser/Gayle Overmeyer	Yes
	MTN Sciencentre	Same as for 10 May except for the activities in the Canal Walk is not there	Same as for	Same as for	Same as

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			10 May	10 May	for 10 May
	iThemba LABS	Same as 12 May	Same as 12 May	Same as 12 May	Same as 12 May
	MRC-IKS Delft	Programme repeats			
14 May	SAAO Cape Town & Sutherland	09:00 Science Show 10:00 IKS Presentation 10:30 Astronomy Workshop and tour (split group) 12:00 Lunch 12:30 Role Models	Grade 10	Sivuyile & Jerome	Yes
	Kamamas, Main Road, Sutherland HMO	Night sky viewing through telescopes for public Learner Workshops	Public Learners	Jerome Elisa Fraser/Gayle Overmeyer	yes Yes
	MTN Sciencentre	Same as for 10 May except for the activities in the Canal Walk is not there	Same as for 10 May	Same as for 10 May	Same as for 10 May
	iThemba LABS	Same as 12 May and Open day for senior citizens - video, talk on cancer and refreshments	Senior Citizens	Ryan Linden	Yes
	MRC-IKS Delft	Programme repeats			
15 May	SAAO Cape Town & Sutherland	09:00 Science Show 10:00 IKS Presentation 10:30 Astronomy Workshop and tour (split group)	Grade 10	Sivuyile & Jerome	Yes

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		12:00 Lunch			
		12:30 Role Models			
	SAAO Sutherland	Night sky viewing through telescopes	Grade 10	Jerome	yes
	HMO	The programme repeats	Learners	Elisa Fraser/Gayle Overmeyer	Yes
	MTN Sciencentre	Same as for 10 May except for the activities in the Canal Walk is not there	Same as for 10 May	Same as for 10 May	Same as for 10 May
	iThemba LABS	Careers Day for Students	Learners	Ryan Linden	Yes
	MRC-IKS Delft	Programme repeats			
	16 May	SAAO Cape Town & Sutherland	09:00 Science Show 10:00 IKS Presentation 10:30 Astronomy Workshop and tour (split group) 12:00 Lunch 12:30 Role Models	Grade 10	Sivuyile & Jerome
	HMO	<u>LED ALARM</u> Participants will be provided with an LED alarm to be soldered 2 workshops (30 participants each)	Public	Elisa Fraser/Gayle Overmeyer	Yes
	MTN Sciencentre	Same as for 10 May except for the activities in the Canal Walk is not there	Same as for 10 May	Same as for 10 May	Same as for 10 May
			Same as for 10 May	Same as for 10 May	Same as for 10 May

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	iThemba LABS	Repeat of 10 May programme			
	MRC-IKS Delft	Programme repeats			
17 May	SAAO Cape Town	10:00 IKS Presentation 10:30 Talk by astronomer; 11:00 Workshop to produce IKS materials;	Grade 10 – 12 Educators	Sivuyile	Yes
	HMO	<u>Open Day</u> <ul style="list-style-type: none"> <li>▪ Science Show A fun interactive demonstration of science</li> <li>▪ Tours of HMO facility</li> <li>▪ Exhibits : International Polar Year- Antarctica ; Applications of magnetism</li> <li>▪ Measure the magnetic field in Hermanus</li> </ul> <ul style="list-style-type: none"> <li>▪ Communicate with HMO electronics engineer Daleen Koch and other researchers at the SANAE base in the Antarctic using Amateur radio</li> </ul>	Public & parents	Elisa Fraser/Gayle Overmeyer	No
	MTN Sciencentre	Same as for 10 May	Same as for 10 May	Same as for 10 May	Same as for 10 May
	iThemba LABS Khayelitsha Shopping Mall	Science Expo	General Public	Ambrose Yaga	No
	MRC-IKS Delft Tent/Resource Centre/ Gazebo	IKS Activities at the MRC (1) - highlighting scientific research with practical examples of issues closer to our communities	Grade 10 – 11	Mr P Legoale	Yes
		Analytical Labs. Researching IKS, with special reference to	Grade 10-11	Ms N Mooketsi Ms C Lategan	

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	Exhibition & Laboratories Herb Garden	TRM (1) Demonstration of simple science principles on TRM research and tour laboratories	Grade 10-11, THP & Municipal Employees	Mr B Sehume Mr J Nyelimane	
		Manufacturing Labs. Researching IKS, with special reference to TRM (1) Demonstration of simple science principles on TRM research and tour laboratories			
	Boardroom	Community involvement in IKS research (1) Research ethics, Research careers, Social impact, Job creation and wealth generation	THP, Policy makers & Professional	Dr MG Matsabisa	
				Ms M Sekhoacha Ms M Javu	
		Advocacy and Educational Seminar (1)			